

Table A
Partial List of Approved Test Procedures
for Common Wastewater Pollutants
(Source: 40 CFR Part 136)

Pollutant/Parameter	Approved Test Procedures			
	EPA	Standard Methods	ASTM	USGS
pH	150.1	4500-H+ B		
Antimony¹	204.1 204.2 200.7	3111 B (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)		
Cadmium¹	213.1 213.2 200.7	3111 B or C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D3557-95 (A or B) D3557-95 (D)	I-3135-85 or I-3136-85 I-4138-89 I-1472-85 or I-4471-97
Chromium, Total¹	218.1 218.3 218.2 200.7	3111 B (18 th , 19 th) 3111 C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D1687-92 (B) D1687-92 (C)	I-3236-85 I-3233-93
Copper¹	220.1 220.2 200.7	3111 B or C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D1688-95 (A or B) D1688-95 (C)	I-3270-85 or I-3271-85 I-4274-89 I-4471-97
Cyanide, Total	335.2 or 335.3	4500-CN (18 th , 19 th , 20 th)	D2036-98 (A)	I-3300-85 or I-4302-85
Lead¹	239.1 239.2 200.7	3111 B or C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D3559-96 (A or B) D3559-96 (D)	I-3399-85 I-4403-89 I-4471-97
Mercury¹	245.1 or 245.2	3112 B (18 th , 19 th)	D3223-91	I-3462-85
Nickel¹	249.1 249.2 200.7	3111 B or C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D1886-90 (A or B) D1886-90 (C)	I-3499-85 I-4503-89 I-4471-97
Oil and Grease	413.1 1664A	5520B (18 th , 19 th , 20 th) 5520B (18 th , 19 th , 20 th)		
Phenols	420.1 420.2			
Silver¹	272.1 272.2 200.7	3111 B or C (18 th , 19 th) 3113 B (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)		I-3720-85 I-4724-89 I-4471-97
TTO² Important - see footnote below	601/602 608 624 625			
Zinc	289.1 289.2 200.7	3111 B or C (18 th , 19 th) 3120 B (18 th , 19 th , 20 th)	D1691-95 (A or B)	I-3900-85 I-4471-97

¹ For the determination of total metals the sample is not filtered before processing. A digestion procedure is required to solubilize suspended material and to destroy possible organic-metal complexes. Two digestion procedures are given in "Methods for Chemical Analysis of Water and Wastes, 1979 and 1983". One (Section 4.1.3), is a vigorous digestion using nitric acid. A less vigorous digestion using nitric and hydrochloric acids (Section 4.1.4) is preferred; however, the analyst should be cautioned that this mild digestion may not suffice for all samples types." (40 CFR Part 136, Sec. 136.3, Table IB - List of Approved Inorganic Test Procedures, Footnote 4).

² For TTO laboratory analysis, do not use methods from SW-846, the Test Methods for Evaluating Solid Waste. If you are unclear about which TTO testing methods are required by your wastewater discharge permit, check with your Source Control inspector.